

**Notice of Allowability**

Application No.

10/686,820

Examiner

Wesley L. Kim

Applicant(s)

GABRIEL ET AL.

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/20/07.
2. ☒ The allowed claim(s) is/are 2-6, 8-9, 14-16, 18, and 43.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
GEORGE ENG  
SUPERVISORY PATENT EXAMINER

***Allowable Subject Matter***

1. Claims 2-6, 8-9, 14-16, 18, and 43 are allowed.
2. The following is an examiner's statement of reasons for allowance:

Applicants invention is drawn to a system and method for sending SMS messages between wireless communications networks. SMS messages are sent to a hardware device in the originating wireless network, which then forwards the message to a management server via the Internet. The management server forwards the message to the appropriate device in the receiving wireless network, which then sends the message to the intended recipient. Replies can then be sent to the originator of the message. Users can also send messages from a computer to a cellular telephone and receive messages sent from a cellular telephone on a computer via email or an HTML based interface. The system does not send and receive messages from a wireless carrier's SMSC.

**Claim 43 recites**, A system for sending and receiving SMS messages between SMS message devices located in different wireless networks without traversing a network bridge in either wireless network, said system comprising: a plurality of SMS devices, each said SMS device being connectable to the internet and connectable to a wireless network and having a machine readable storage, having stored thereon a computer program comprising a plurality of code sections executable by a machine whereby SMS messages arriving at said SMS device from a wireless network may be sent to the internet, and SMS messages arriving at said SMS device from the internet may be sent to said wireless network without said

SMS messages being passed through a network bridge attached to said wireless network; a first wireless network having at least a first SMS device and a first network bridge, said first network bridge comprising a short message service center (SMSC) and means for connecting said SMSC to external networks, said first SMS device being connected to the internet and connected to said first wireless network such that SMS messages arriving at said first SMS device from said first wireless network may be sent to the internet, and SMS messages arriving at said first SMS device from the internet may be sent to said first wireless network without said SMS messages being passed through said first network bridge; a second wireless network having at least a second SMS device and a second network bridge, said second network bridge comprising a short message service center (SMSC) and means for connecting said SMSC to external networks, said second SMS device being connected to the internet and to said second wireless network, such that SMS messages arriving at said second SMS device from said second wireless network may be sent to the internet, and SMS messages arriving at said second SMS device from the internet may be sent to said second wireless network without said SMS messages being passed through said second network bridge; at least one server that is connected to the Internet, said server having a machine readable storage, having stored thereon a computer program comprising a plurality of code sections executable by a machine for maintaining a plurality of interrelated tables comprising a database, said database containing user-provided information cross-referencing SMS user devices, and predetermined routing and

identification information for verifying SMS message authorization, and for routing SMS messages to selected, identified SMS message recipients; whereby an SMS message sent from a sending user device in said first wireless network and directed to a recipient user device in said second wireless network may be routed through said first SMS device to said server via the internet, may be analyzed for further routing information by said server, and may be further routed to said recipient's SMS device via the internet and said second SMS device, and said server may debit an identified user's account. These steps are neither taught nor suggested by the prior art. Accordingly, Applicants claims are allowed for these reasons and for the reasons recited in Amendment filed 1/29/07.

**Claims 2-6, 8-9, and 14-16, and 18** are allowed as being dependent on allowed claim 43..

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Wesley L. Kim whose telephone number is 571-272-7867. The examiner can normally be reached on Monday-Friday 9:00am-5:30pm.

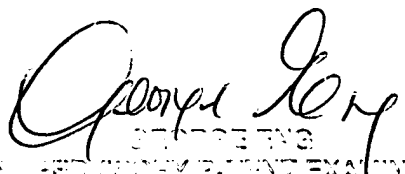

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, George Eng can be reached on 571-272-7495. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

WLK



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